

## **FEATURES OF FORMATION INTERIOUR EMPLOYEE TRAINING HALLS OF AVIATION SPORTS COMPLEX**

*Abstract.* This paper identified and analyzed the function areas of training halls aviation airports. The options combination of features to achieve universal solutions. Premises classified according to the principle of functional load distribution. The features of formation interiors sport of the air direction.

*Keywords:* interior, functional organization, shaping interior aviasportkompleks, emergency situations, educational and training facilities.

**Statement of the problem.** Development of civil aviation at its present stage determines the number of problems that can not be solved by traditional methods. Flight Safety depends on the level of training, as the majority of aviation accidents related to the "human factor" as well as to predict human behavior in emergency situations is usually not possible.

Aviation schools should provide a comprehensive approach to the learning process, to consolidate the theoretical knowledge and practical skills - play possible emergency situations, forced landing on different types of surfaces, the evacuation of the aircraft and others., Physical and psychological preparation. Perhaps the main factor in the imperfections of training and practical exercises deficit becomes an economic issue as well as conditions for such classes do not meet modern requirements. There is a need for development of new facilities, equipment and furniture.

Simulation emergencies can greatly improve the level of training of the crew before they happen, so creating an environment and facilities for the implementation of these activities represents a new challenge to architects and designers.

**Analysis of recent research and publications.** Study analyzing FI Popov, AI Marakushyna, N. Breslavets, RM Makarova in the field of aviation security features on training pilots found that the issue of special education studied theoretically only and have no practical application. In turn, the study of E. Noyferta, VR Rannyeva regarding the construction and design of interior space sports complexes were general in nature and not covered features air tanks. In studies VF Runge ergonomic issues are fragmented.

After reading the above-mentioned sources, it is concluded that the question of the functional organization of interior air sports complexes has not been examined in detail. Thus research on this topic is quite appropriate.

**The wording of Article goals.** Detection peculiarities of the interior spaces and functional tasks of training halls sports complexes aviation schools.

**The main part.** Interior design school directs its assets by creating an environment that could provide further development of physical, intellectual and spiritual qualities of man. Purpose is the main object in the design of the interior and its components. Ergonomics room and its contents is one of the primary

requirements of modern times, since the design of the internal environment is aimed at making a person feel comfort in their actions. Functional zoning space decides comfort room.

Interiors of training halls sports complex aviation school are specific in nature. Specificity of the institution appears on the needs and requirements for facilities of this type. Interior space sports complex retains a link between architectural planning and aviation professional decisions, architectural features, interior design, aesthetic and functional aspect of the load space. Development scheme of logic and perform actions in the training halls in the design of these rooms will greatly facilitate the adaptation of it, and have a positive impact on performance training and the expected results. Also the interior zoning requires not only the logical distribution of tasks, but also create the perception of integrity as all facilities and a separate group of buildings.

Area of theoretical studies and theoretical and practical sessions - this area contains a number of classrooms, offices scientific practice discipline, multimedia rooms. The establishment of this zone is due to the need for theoretical preparation for action in emergency situations in flight, the study of the theoretical aspects of rescue operations, safety and so on.;

Zone conducting training of rescue operations on water - this area includes a swimming pool - as a place to simulate situations landing on water released from the airplane using inflatable ladder, rescue activities, using rescue devices;

Zone of the rescue operations on land - consisting of specific sites. These sites may mimic the surface of the land to create the most natural conditions of the training;

Area of general physical exercise, subjects several types of rooms, facilities for training in athletics, gyms, rooms for sports games. The appearance of this area is due to the need for air crew in regular physical exercise and training, as well as features of the profession require appropriate physical training.

Area of ancillary facilities - it includes bathrooms, showers, locker rooms, Shell and others.

A detailed study of the requirements for such systems has led to the separation of the major functional areas of this type of space (*Fig. 1*).

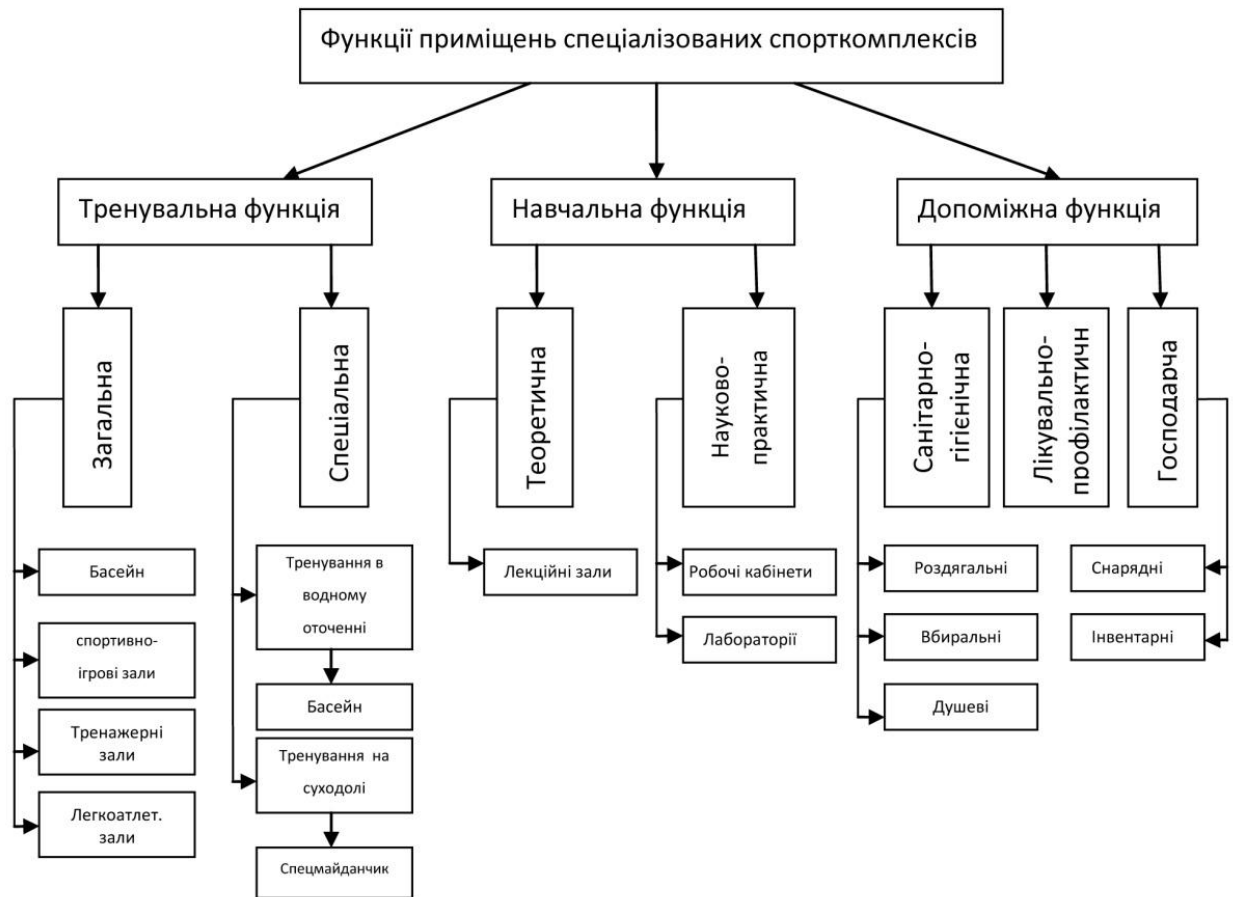


Figure 1. Function rooms specialized sports centers.

#### Conclusions.

1. Loud emergency disaster of recent years require new views on the issue of security avaiapolotiv .
2. The training of aviation specialists provides methods are not practical and psychological preparation.
3. To achieve high performance training necessary to use modern equipment , air transport .
4. Planning should be decided taking into account the possibility of flexible response to changing conditions.
5. Functional and planning decisions should provide conditions for the reproduction of the aircraft evacuation situations , saving in various conditions , familiarity with the aircraft and rescue equipment.

Prospects for further research. Studies are planned deepening of architectural and planning features rooms uzkoprofilnyh sports complexes , followed by the development of interior design techniques of training rooms and their practical application.

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